

**DECLARATION
AND POWER OF ATTORNEY
U.S.A.**

ALL PATENTS, INCLUDING DESIGN
FOR APPLICATION BASED ON PCT; PARIS CONVENTION;
NON PRIORITY; OR PROVISIONAL APPLICATIONS

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original, first and sole inventor (if only one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

ATM- PON ONU CONTROLLING APPARATUS

FOR ATTORNEY'S USE ONLY

ATTORNEYS' DOCKET NO.

P66638US0

which is described and claimed in: PCT International Application No. _____ filed _____
 the attached specification the specification in application Serial No. _____ filed _____
 (if applicable) and amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, § 119 (a)-(b) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

2000-82250	Repubilc of Korea	26/12/2000	Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Cod, § 119(e) of any United States provisional application(s) listed below:

Application No. _____ Filing Date _____ Application No. _____ Filing Date _____

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)		(Filing Date)	(Status: patented, pending, abandoned)
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys(Registration No.) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON, JR.(20,851); D. DOUGLAS PRICE (24,514); JOHN CLARKE HOLMAN (22,769), MARVIN R. STERN (20,640); MICHAEL R. SLOBASKY (26,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409); YOON S. HAM (45,307).			
SEND CORRESPONDENCE TO:		DIRECT TELEPHONE CALLS TO: (please use Attorney's Docket No.) (202) 638-6666	
JACOBSON, PRICE, HOLMAN & STERN PROFESSIONAL LIMITED LIABILITY COMPANY 400 Seventh Street, N.W. Washington, D.C. 20004		JACOBSON, PRICE, HOLMAN & STERN PROFESSIONAL LIMITED LIABILITY COMPANY	

* Inventor(s) name must include at least one unabbreviated first or middle name.

201	FULL NAME* OF INVENTOR	FAMILY NAME KIM	GIVEN NAME CHAN	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY TAEJON	STATE OR FOREIGN COUNTRY KOREA	COUNTRY OF CITIZENSHIP REPUBLIC OF KOREA	
202	POST OFFICE ADDRESS	POST OFFICE ADDRESS #110-505 HANA APT., SHINSUNG-DONG, YUSONG-GU	CITY TAEJON	STATE OR COUNTRY KOREA	ZIP CODE
203	FULL NAME* OF INVENTOR	FAMILY NAME KIM	GIVEN NAME SEUNG-HWAN	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY TAEJON	STATE OR FOREIGN COUNTRY KOREA	COUNTRY OF CITIZENSHIP REPUBLIC OF KOREA	
203	POST OFFICE ADDRESS	POST OFFICE ADDRESS #118-505 HYANGCHON APT., DUNSAN 2-DONG, SEO-GU	CITY TAEJON	STATE OR COUNTRY KOREA	ZIP CODE
203	FULL NAME* OF INVENTOR	FAMILY NAME YOO	GIVEN NAME TAE-WHAN	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY TAEJON	STATE OR FOREIGN COUNTRY KOREA	COUNTRY OF CITIZENSHIP REPUBLIC OF KOREA	
203	POST OFFICE ADDRESS	POST OFFICE ADDRESS #106-1302 HANA APT., SHINSUNG-DONG, YUSONG-GU	CITY TAEJON	STATE OR COUNTRY KOREA	ZIP CODE

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201*	SIGNATURE OF INVENTOR 202*	SIGNATURE OF INVENTOR 203*
<i>John</i>	<i>John</i>	<i>Jonathan</i>
DATE 02/26/01	DATE 02/26/01	DATE 02/26/01

Additional inventors are named on separately numbered sheets attached hereto.

JACOBSON, PRICE, HOLMAN & STERN
ADDITIONAL INVENTORS

* Inventor(s) name must include at least one unabbreviated first or middle name.

204	FULL NAME* OF INVENTOR	FAMILY NAME LEE	GIVEN NAME JONG-HYUN	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY TAEJON	STATE OR FOREIGN COUNTRY KOREA	COUNTRY OF CITIZENSHIP REPUBLIC OF KOREA
	POST OFFICE ADDRESS	POST OFFICE ADDRESS #110-504 HANBIT APT., EOEUN-DONG, YUSONG-GU	CITY TAEJON	STATE OR COUNTRY KOREA
	FULL NAME* OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
205	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
	FULL NAME* OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
206	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
	FULL NAME* OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
207	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
	FULL NAME* OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
208	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
	FULL NAME* OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
209	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
	FULL NAME* OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
210	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
	FULL NAME* OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
211	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 204*	SIGNATURE OF INVENTOR 205*	SIGNATURE OF INVENTOR 206*
<i>Leejanghyun</i> DATE 02/26/01	DATE	DATE
SIGNATURE OF INVENTOR 207*	SIGNATURE OF INVENTOR 208*	SIGNATURE OF INVENTOR 209*
DATE	DATE	DATE
SIGNATURE OF INVENTOR 2010*	SIGNATURE OF INVENTOR 2011*	
DATE	DATE	